



| | | | |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 12732-161001 | Application No. 10/630,939 |
| | Applicant Mitsuaki Osame et al. | | |
| | Filing Date July 31, 2003 | Group Art Unit 2821 2828 | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| D | AA | 2002/0018060 A1 | 02/14/2002 | Yamazaki et al. | | | 08/07/2001 |
| D | AB | 2002/0047581 A1 | 04/25/2002 | Koyama | | | 10/24/2001 |
| D | AC | 2002/0063536 A1 | 05/30/2002 | Koyama | | | 01/02/2002 |
| D | AD | 6,351,077 B1 | 02/26/2002 | Koyama | | | 09/19/2000 |
| D | AE | 6,380,688 B1 | 04/30/2002 | Bae et al. | | | 08/15/2000 |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|---|
| Examiner Initial | Desig. ID | Document |
| D | AQ | European Patent Office Communication for Application No. 03017899.0-2205 including Search Report; 3 pages; June 3, 2004 |
| | AR | |
| | AS | |
| | AT | |

| | |
|--|-----------------------------|
| Examiner Signature David Jn | Date Considered 11/04/04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | | |
|--|--|---------------------------------------|------------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 12732-161001 | Application No. New Application |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Mitsuaki Osame et al. | |
| | | Filing Date July 31, 2003 | Group Art Unit 2828 |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|---------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| D | AA | 6,501,227 | 12/31/2002 | Koyama | | | |
| D | AB | 6,259,838 | 07/10/2001 | Singh et al. | | | |
| D | AC | 5,990,629 | 11/23/1999 | Yamada et al. | | | |
| D | AD | 5,812,105 | 09/22/1998 | Van de Ven | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-----------------------------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| W | AL | 10-39791 | 02/13/1998 | Japan | <u> </u> | | Full | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|----------|
| Examiner Initial | Desig. ID | Document |
| | AQ | |
| | AR | |
| | AS | |
| | AT | |

| | |
|--|----------------------------|
| Examiner Signature David Vn | Date Considered 11/9/04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |